

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	335	(198/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L23	159	(198/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L24	315	(198/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L25	237	(198/324).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L26	144	(198/325).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L27	167	(198/326).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L28	58	(198/327).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L29	125	(198/328).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L30	40	(198/329).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L31	191	(198/330).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L32	98	(198/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38

## EAST Search History

L33	177	(198/332).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L34	316	(198/333).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L35	152	(198/334).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L36	308	(198/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L37	59	(198/336).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L38	194	(198/337).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L39	58	(198/338).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
L40	1	(L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39) and (display same ((maintenance) and direction))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
S1	329	(198/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S2	158	(198/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S3	312	(198/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S4	234	(198/324).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55

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S5	141	(198/325).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S6	163	(198/326).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S7	54	(198/327).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S8	125	(198/328).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S9	40	(198/329).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S10	189	(198/330).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S11	97	(198/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S12	177	(198/332).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S13	311	(198/333).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S14	152	(198/334).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S15	300	(198/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55
S16	59	(198/336).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:55

## EAST Search History

S17	187	(198/337).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:56
S18	57	(198/338).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 21:56
S19	71	(S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18) and display	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S20	4	US-5782330-\$ DID. OR US-5242042-\$ DID. OR US-5178254-\$ DID. OR US-3565238-\$ DID.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/04 22:08
S21	6	("4748394"   "5782330"   "5923005").PN. OR ("6334522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:21
S22	5	("1985563"   "4223609").PN. OR ("5782330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:22
S23	15	("4818970"   "5099977"   "5107975"   "5186300"   "5260688"   "5291193"   "5295567"   "5448220"   "5526256").PN. OR ("5708416").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:30
S24	11	("2756323"   "3057991"   "3065336"   "3131871"   "4756398"   "5040659"   "5067062").PN. OR ("5511647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:32
S25	10	("3580376"   "4711335"   "4798274"   "5040659"   "5178254"   "5186300").PN. OR ("5482153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:34
S26	8	("4798274").URPN.	USPAT	OR	ON	2007/03/04 22:35
S27	10	("3580376"   "4711335"   "4798274"   "5040659"   "5178254"   "5186300").PN. OR ("5482153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/04 22:35
S28	329	(198/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S29	158	(198/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01

## EAST Search History

S30	312	(198/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S31	234	(198/324).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S32	141	(198/325).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S33	163	(198/326).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S34	54	(198/327).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S35	125	(198/328).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S36	40	(198/329).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S37	189	(198/330).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S38	97	(198/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S39	177	(198/332).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S40	311	(198/333).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S41	152	(198/334).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01

## EAST Search History

S42	300	(198/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S43	59	(198/336).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S44	187	(198/337).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S45	57	(198/338).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:01
S46	12	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (maintenance or operation) and direction))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/31 00:38
S47	287	(198/502.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:06
S48	1	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (maintenance and direction))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:24
S49	22	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (fault or code or time or energy or history))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:34
S50	4	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (fault))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:59
S51	1	JP63272154	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:34
S52	9588862	JP "63272154"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 07:35

## EAST Search History

S53	1	JP "63272154"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/03/05 07:35
S54	17	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (panel))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 08:42
S55	1	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (wireless))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 08:43
S56	5	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (wireless\$3 or remote))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 08:57
S57	19	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display same (control))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 08:57
S58	12	(S28 S29 S30 S31 S32 S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45) and (display with (control))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 09:00
S59	4	("198"/\$).CCLS. and (display with (control and wireless\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 09:01
S60	10	("198"/\$).CCLS. and (display same (control and wireless\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/05 09:01